

SECTION 713 — SELECTIVE THINNING

713.01 DESCRIPTION. This work shall consist of the selective thinning and disposing of undesirable live and dead trees, shrubs and vegetation, selective pruning of trees to be saved, and removing and disposing of windfalls, logs, stumps and rubbish as specified in the Contract Documents or as directed by the Engineer and in conformance with the Maryland Department of Natural Resources Roadside Tree Law.

713.02 MATERIALS.

Furnished Topsoil	920.01.02
Herbicide	920.08.07
Marking Dye	920.08.08
Tree Wound Dressing	920.08.20

713.03 CONSTRUCTION.

713.03.01 Equipment. Refer to 712.03.01

713.03.02 Operation. A Roadside Tree Care Permit shall be obtained from the Maryland Department of Natural Resources for all tree thinning. All work shall be performed by personnel under the supervision of a Maryland Licensed Tree Expert. The Contractor shall notify the Engineer 10 days prior to the beginning of any selective thinning work.

All selective thinning shall be completed before any new planting is performed in selective thinning areas as directed by the Engineer.

Growth to be removed will be as marked by the Engineer. Dead wood in shrubs shall be removed as determined by the Engineer. Trees shall be pruned by removing all branches and stubs up to 15 ft high. All cuts over 3 in. in diameter, visible from the public right-of-way shall be painted with tree wound dressing. Trees and shrubs to be saved shall not be harmed by the Contractor. Injuries to bark, trunks, and limbs shall be repaired by properly cutting, smoothing, tracing the bark and painting as directed by the Engineer.

When undesirable growth is removed, it shall be cut as nearly flush with the ground surface as feasible. Trees which cannot be felled without danger to traffic or injury to other plants or property shall be cut in sections from the top down.

In open areas where mowing is to be performed, stumps shall be completely removed to a minimum of 8 in. below the ground surface.

The stump hole shall be backfilled with approved topsoil to the height of the adjacent ground surface and seeded as specified in Section 705.

713.03.03 Herbicide Application. Where regrowth from stumps is not desired, the exposed bark and cut surfaces shall be thoroughly saturated with an approved herbicide solution to which marking dye has been added. This mixture shall be applied the same day the plant is cut.

The herbicide shall be mixed and used as directed by the Engineer and in conformance with the manufacturer's recommendations.

All herbicide applications shall be performed as specified in the Maryland Pesticide Applicator's Law and in conformance with the manufacturer's recommendations. Herbicide applications shall be performed under the supervision of a Certified Applicator of Pesticides (Category III A or VI).

713.03.04 Removal and Disposal. All trimmings, dead wood, windfalls, logs, stumps, and rubbish shall be removed and disposed of by the Contractor, as directed by the Engineer

713.03.05 Site Restoration. When selective thinning in an area has been completed, the area shall be thoroughly cleaned. Existing turf areas that have been injured by the work shall be regraded and seeded or sodded, and the entire area shall be neat and clean as directed by the Engineer.

713.04 MEASUREMENT AND PAYMENT. Selective Thinning will be measured and paid for at the Contract unit price per acre. The payment will be full compensation for all herbicide, wound dressing, stump removal, backfill, site restoration, and for all material, labor, equipment, tools, and incidentals necessary to complete the work. Outer measurements will be taken from the drip line of the forest canopy.

SECTION 714 — SELECTIVE TREE FELLING

714.01 DESCRIPTION. This work shall consist of felling trees as specified in the Contract Documents or as directed by the Engineer and in conformance with the Maryland Department of Natural Resources Roadside Tree Law.

714.02 MATERIALS. Not applicable.